RAW SEQUENCE LISTING
ERROR REPORT

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Application Serial Number: _09/914,549 A_
Source: _PCT09_
Date Processed by STIC: _7|16|02_

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FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
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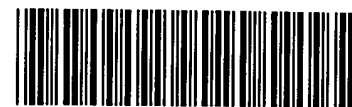**http://www.uspto.gov/web/offices/pac/checker**

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Revised 01/29/2002

Does Not Comply   PCT09
Corrected Diskette Needed

See p. 4 for explanation of errors,

RAW SEQUENCE LISTING   DATE: 07/16/2002
PATENT APPLICATION: US/09/914,549A   TIME: 15:36:58

Input Set : **A:\K3008.txt**
Output Set: **N:\CRF3\07162002\I914549A.raw**

W-->   1 (SEQUENZPROTOKOLL)   *-delete*
       4 <110> APPLICANT: Poustka, et al.
       6 <120> TITLE OF INVENTION: Protein (TP) That is Involved in the Development of the
Nervous
       7   System
       9 <130> FILE REFERENCE: 4121-129
      11 <140> CURRENT APPLICATION NUMBER: US/09/914,549A
C--> 12 **<141> CURRENT FILING DATE: 2002-06-05**
      14 <150> PRIOR APPLICATION NUMBER: PCT/DE00/00583
      15 <151> PRIOR FILING DATE: 2000-02-28
      17 <150> PRIOR APPLICATION NUMBER: DE 199 08 423.8
      18 <151> PRIOR FILING DATE: 1999-02-26
      20 <160> NUMBER OF SEQ ID NOS: 39
      22 <170> SOFTWARE: PatentIn Ver. 2.0

ERRORED SEQUENCES

    5291 <210> SEQ ID NO: 39
    5292 <211> LENGTH: 81369
    5293 <212> TYPE: DNA
    5294 <213> ORGANISM: Homo sapiens
    5296 <400> SEQUENCE: 39
    5299 gatcagactt tgaagagtgt ttgtaccatg ctaaagttta cagaatttat tcctgctctt   60
E--> 5301 **tgagggtgca ttgcaaatcc aggctagagg gagagatacc agttaggana gtacagcaat**   120
    5303 actctactgg gaaatggtga ggtgtttcgt gaagacaatg gcaacacaga tgaagacatg   180
    5305 cagatggagg aaataaagat ccagttgagc ttgttggcca gttggataga ggttgaggtt   240
    5307 atgcatgatg gagcaatcta ggttttgtc ttgggtaggt gtttccatga tagtactcag   300
    5309 aatgaatcat atagttgtac aggttgaatc ccacccatgt ttgcacaata gagtgactgt   360
    5311 ctagctgaaa tccagatgac actctgtatg ctaagctatg cttcatggaa ctgtataaag   420
    5313 gcacttgcta cataggctag tggcagatct ggaagtaacc tatatggtat ataggaaatg   480
    5315 aggtggcttt tgtataaatc ctacagataa atttcatttc ctgatcctat tattttgact   540
    5317 catgttagcc caagaagagt attcagtact tcatatccct gaaggtaaga cagagtagta   600
    5319 ttagattcac tatttggcaa ataaaaggga tcaagtccta agatcaagct gatgaatcaa   660
    5321 cacctcatag gatatgtccc aaccaattat atggcttccc ctataaataa aatctagttc   720
    5323 tcttctctgg agaggaacag tgaagaatat cataacctat gctacaaact gcttgagtag   780
    5325 gagctacttc tctccaaggc tttatatcat tcattctggc aggcccctct gtttgttctc   840
    5327 accagctcct gggaaattta tttctcctct agtgatataa aagctctctg tttgagatga   900
    5329 agggctgccc agtttatcag atctgtatta gtctgttctc aggctgctaa taaagacata   960
    5331 cctgagactg agtaatttat gaaggaaaga ggtttaattg actcacagtt ccacatggct   1020
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    5335 tgcagacaag agagcatgtg caggggaact gctctccata aaaccatcag atcttgtgag   1140
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RAW SEQUENCE LISTING   DATE: 07/16/2002
PATENT APPLICATION: US/09/914,549A   TIME: 15:36:59

Input Set : A:\K3008.txt
Output Set: N:\CRF3\07162002\I914549A.raw

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       5447 ctttccattt tttgtttacc tagcccttc tgatgccacg acagaatagc tgtaaatctt 4500
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       5453 ggataaaatc agagcattaa gtgcatacta aaaacaataa gaatggaaag actttaacct 4680
       5455 tatgtttata tgaatttcta ggttatcaag aagtttatag gctataggct ataaagtctt 4740
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       5459 gtacaaacag aagatgagct taaaattatt ctttgagtcc tcttgatgga ttttttcccc 4860
       5461 cacactttcc ccaaaattgt tttatgccta tattgtagga gaccatgcaa gagacctaga 4920
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       5465 tatatcttga aactcccttc ttttgattta cttgtaactc cccatcaaaa actgaagagt 5040
       5467 gtcacaatac ttcattaagt tccctacttg cactctacct ttaatatatt tgtagcacta 5100
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       5491 cagaatgaaa gcacactaga agtaaacaca gatgtggaag aggtaaagtg tccttgaaaa 5820
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       5517 ctagttttcc tctgaaaaca agaaacatac ccagaagttt tcacgaaatg gtctcatgaa 6600
       5519 tatctaaggt tagtccgtag tctcatctga gacaaggaaa gtcccttcca ctatgagcct 6660
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E--> 5525 ccgaaatcca tctgggcagt caaattgtaa aactccaaaa tgatntcttt tgactccatg 6840
E--> 5527 tntcacatcc aggacatgct gangcaagag ataggttccc ataatctttg gcagctctgc 6900
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```

```
         7987 tttgctagtg atataattta tgatattgat caatagctaa atagcccagg ggaagatact   80700
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         8003 aatctcaaat tttaaagaga tgtaaaacca ctttctgaat agagctgtag gggataccaa   81180
         8005 ttctggtttt gagtagtctg gggttggaaa atttgaatag aaaaatcaca attaatgaag   81240
         8007 tgttaggtga atttgatttc attttgcttt ttaagtttgt actgtcagca ggacatgact   81300
         8009 tgattgtagc gctaaagtgg ccatttaaaa caaattgcct tgaagagaga agcattggga   81360
         8011 atggagatc                                                            81369
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VARIABLE LOCATION SUMMARY   DATE: 07/16/2002
PATENT APPLICATION: **US/09/914,549A**   TIME: 15:37:00

Input Set : **A:\K3008.txt**
Output Set: **N:\CRF3\07162002\I914549A.raw**

<u>Use of n's or Xaa's(NEW RULES):</u>
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which
residue n or Xaa represents.

Seq#:39; N Pos. 109,6825,6842,6863
Seq#:39; N Pos. 80984,81012

```
L:1 M:259 W: Allowed number of lines exceeded, (1) GENERAL INFORMATION:
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:153 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:157 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:161 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:165 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:169 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:173 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:177 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:181 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:185 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:189 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:193 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:197 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:201 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:206 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:210 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:214 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:218 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:222 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:226 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:230 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:234 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:238 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:242 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:246 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:250 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:254 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:258 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
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L:286 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5
L:446 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:7
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VERIFICATION SUMMARY   DATE: 07/16/2002
PATENT APPLICATION: US/09/914,549A   TIME: 15:37:00

Input Set : **A:\K3008.txt**
Output Set: **N:\CRF3\07162002\I914549A.raw**

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L:502 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:7
L:506 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:7
L:5301 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:39
M:340 Repeated in SeqNo=39